

Form PTO-1449 U.S. Department of Commerce (REV. 2-82) Patent and Trademark Office <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use several sheets if necessary)										Atty. Docket No. 066031.0148 (A34106)	Serial No. 09/809,291									
										Applicant: Sonnenschein et al.										
										Filing Date March 15, 2001										Group To Be Assigned

✓		5	6	0	3	4	4	3	02/18/97	Clark et al.		
✓		5	5	7	1	1	1	6	11/05/96	Bolanos et al.		
✓		5	4	5	2	8	3	6	09/26/95	Huitema et al.		
✓		5	4	4	5	1	4	4	08/29/95	Wodicka et al.		
✓		5	4	0	3	3	2	6	04/04/95	Harrison et al.		
✓		5	2	5	9	8	3	7	11/09/93	Van Wormer		
✓		5	3	9	5	0	3	0	03/07/95	Kuramoto et al.		
✓		5	1	9	7	6	4	9	03/30/93	Bessler et al.		
✓		5	1	8	1	5	1	4	01/26/93	Solomon et al.		
✓		5	1	2	9	5	7	0	07/14/92	Schulze et al.		
✓		3	8	8	9	6	6	2	06/17/75	Mitsui		

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**FOREIGN PATENT DOCUMENTS**

		Document No.								Date	Country	Class	Subclass	Translation Yes      No
✓		0	0	5	3	1	0	2	09/14/00	WIPO				
✓		9	1	0	0	0	4	9	01/10/91	WIPO				
✓		8	9	1	1	2	5	2	11/30/89	WIPO				

Examiner

Date Considered

J. Lewellen

5/26/06

\* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 U.S. Department of Commerce  
(REV. 2-82) Patent and Trademark Office

SEP 24 2001

PATENT &amp; TRADEMARK OFFICE

Atty. Docket No.  
A34106 - 066031.0148

Serial No.  
09/809,731

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**  
**(Use several sheets if necessary)**

Applicant  
Sonnenschein et al.

Filing Date  
March 15, 2001

Group  
3739

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TECHNOLOGY CENTER R3700

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Exam. Init.	Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate

**FOREIGN PATENT DOCUMENT**

Document No.	Date	Country	Class	SubClass	Translator Yes No

**OTHER DOCUMENTS (including Author, Title Date, Pertinent Pages, Etc.)**

<i>✓</i>	Christensen, Douglas A., "Ultrasonic Bioinstrumentation," p. 131
<i>✓</i>	Kino, Gordon S., "Acoustic Waves: Devices, Imaging, and Analog Signal Processing," Prentice-Hall, Inc., New Jersey, 1987, pp. 175, 220-225.
<i>✓</i>	Proakis, John G. and Dimitris G. Manolakis, "Digital Signal Processing," Prentice-Hall, Inc., New Jersey, 1996, pp. 30, 130-131.
<i>✓</i>	Seto, William W., "Schaum's Outline of Theory and Problems of Acoustics," McGraw-Hill, Inc., New York, 1971, pp. 13-14.
<i>✓</i>	"The Esophagus,"(Donald O. Castell, ed., Lippincott Williams & Wilkins, 3d ed. 1999), pp. 515-517.

NY02.347027.1

Examiner

Date Considered

*J. Sonnenschein**5/26/04*

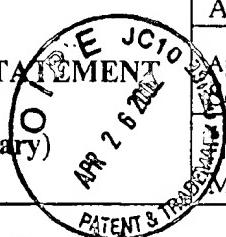
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Form PTO-1449 U.S. Department of Commerce  
(REV. 2-82) Patent and Trademark Office

Atty. Docket No.  
A34106 - 066031.0148

Serial No.  
09/809,291

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT  
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Applicant  
Bonnenschein et al.

Filing Date  
March 15, 2001

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**U.S. PATENT DOCUMENTS**

Examiner Init.	Document No.							Date	Name	Class	Subclass	Filing Date if Appropriate
✓	5	5	5	8	6	6	5	9/24/96	Kieturakis	606	1	

**FOREIGN PATENT DOCUMENT**

	Document No.							Date	Country	Class	SubClass	Translator Yes No

**OTHER DOCUMENTS (including Author, Title Date, Pertinent Pages, Etc.)**

U.S. Patent Application No. 10/036,171, filed December 31, 2001.

✓												

NY02:381679.1

Examiner

J. Lembke-Kroen

Date Considered

5/26/04

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(REV. 2-82) Patent and Trademark Office

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT.</b> (Use several sheets if necessary)								Atty. Docket No. 066031.0148 (A34106)	Serial No. 09/809,291
								Applicant: Sonnenschein et al.	
Filing Date March 15, 2001								Group To Be Assigned	

### U.S. PATENT DOCUMENTS

Examiner			Document No.						Date	Name	Class	Subclass	Filing Date if Appro.	
<i>J</i>			6	1	4	9	5	9	8	11/21/00	Tanaka			03/29/99
			6	0	9	9	5	4	2	08/08/00	Cohn et al.			08/17/98
			6	0	9	0	1	2	0	07/18/00	Wright et al.			02/22/99
			5	9	0	6	5	7	8	05/25/99	Rajan et al.			
			5	8	9	7	5	6	2	04/27/99	Bolanos et al.			
			5	8	3	3	6	1	6	11/10/98	Gruner et al.			
			5	8	1	4	0	5	5	09/29/98	Knodel et al.			
			5	7	8	7	8	9	7	08/04/98	Kieturakis			
			5	7	7	6	0	4	9	07/07/98	Takahashi			
			5	7	7	2	0	9	9	06/30/98	Gravener			
			5	7	2	7	5	5	3	03/17/98	Saad			
<i>V</i>			5	6	7	6	6	7	4	10/14/97	Bolanos et al.			
<i>82</i>			5	6	3	0	5	4	1	05/20/97	Williamson, IV et al.			

Examiner

Date Considered

*J. Newbauer* 5/26/06

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Atty. Docket No. 066031.0148 (A34106)	Serial No. 09/809,291
Applicant: Sonnenschein et al.	
Filing Date March 15, 2001	Group To Be Assigned

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5	5	7	1	1	1	6	11/05/96	Bolanos et al.			
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5	2	5	9	8	3	7	11/09/93	Van Wormer			
5	3	9	5	0	3	0	03/07/95	Kuramoto et al.			
5	1	9	7	6	4	9	03/30/93	Bessler et al.			
5	1	8	1	5	1	4	01/26/93	Solomon et al.			
5	1	2	9	5	7	0	07/14/92	Schulze et al.			
3	8	8	9	6	6	2	06/17/75	Mitsui			

**FOREIGN PATENT DOCUMENTS**

	Document No.								Date	Country	Class	Subclass	Translation Yes      No
8	0	0	5	3	1	0	2		09/14/00	WIPO			
8	9	1	0	0	0	4	9		01/10/91	WIPO			
8	8	9	1	1	2	5	2		11/30/89	WIPO			

Examiner

Date Considered

*J. Subbeckar*      *5/26/06*

Examiner Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



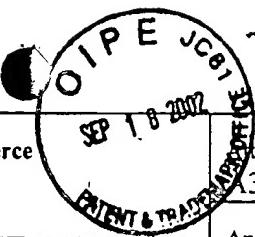
Form PTO-1449 U.S. Department of Commerce (REV. 2-82) Patent and Trademark Office										Atty. Docket No. 066031.0148 (A34106)	Serial No. 09/809,291
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)										Applicant: Sonnenschein et al.	
										Filing Date March 15, 2001	Group To Be Assigned

4	2	4	1	9	3	8	06/16/94	Germany			
0	6	3	0	6	1	2	12/28/94	Europe			

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)


Examiner J. Leibacher Date Considered 5/26/06

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**Form PTO-1449 U.S. Department of Commerce  
(REV. 2-82) Patent and Trademark Office**

Plaintiff's  
Atty. Docket No.  
A34106

Serial No.  
09/809,291

**INFORMATION DISCLOSURE STATEMENT  
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**(Use several sheets if necessary)**

Applicant  
Sonnenschein et al.

Filing Date  
March 15, 2002

## **U.S. PATENT DOCUMENTS**

**FOREIGN PATENT DOCUMENT**

**OTHER DOCUMENTS (including Author, Title Date, Pertinent Pages, Etc.)**

## European International Search Report

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NY02:405604.1

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Examiner

**Date Considered**

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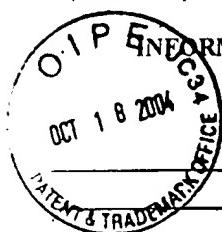
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INFORMATION DISCLOSURE STATEMENT  
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Applicants  
Sonnenschein et al.

Filing Date  
March 15, 2001

Group Art Unit  
3739

U.S. PATENT DOCUMENTS

*Exam. Init.		Document No.							Date	Name	Class	Subclass	Filing Date if Appropriate
<i>dr</i>		6	7	3	6	8	2	8	05/18/04	Adams et al.	606	213	
		6	7	1	6	2	3	3	04/06/04	Whitman	606	219	
		6	6	9	5	1	9	8	02/24/04	Adams et al.	227	175.1	
		6	6	6	3	6	3	9	12/16/03	Laufer et al.	606	139	
		6	6	3	2	2	2	7	10/14/03	Adams	606	140	
		6	3	3	8	7	3	7	01/15/02	Toledano	606	129	
		6	1	5	9	1	4	6	12/12/00	El Gazayerli	600	106	
		6	0	5	9	7	1	9	05/09/00	Yamamoto et al.	600	127	
		5	8	3	3	6	9	6	11/10/98	Whitfield et al.	606	143	
		5	7	7	2	6	7	3	06/30/98	Cuny et al.	606	142	
		5	6	3	0	5	4	0	05/20/97	Blewett	227	176.1	
		5	4	4	1	5	0	7	08/15/95	Wilk	606	139	
		5	4	1	1	5	0	8	05/02/95	Bessler et al.	606	153	
<i>dr</i>		4	8	4	8	6	3	7	07/18/89	Pruitt	227	19	
<i>dr</i>		4	6	1	2	9	3	3	09/23/86	Brinkerhoff et al.	428	334	

FOREIGN PATENT DOCUMENT

		Document No.							Date	Country	Class	SubClass	Translator Yes No
<i>dr</i>		0	1	6	7	9	6	4	09/20/01	WO			
<i>dr</i>	1	1	0	4	7	0	7	9	02/23/99	JP (English abstract)			
<i>dr</i>		9	7	4	7	2	3	1	12/18/97	WO			

OTHER DOCUMENTS (including Author, Title Date, Pertinent Pages, Etc.)

<i>dr</i>		U.S. Patent Application Publication No. US 2001/0054636 to Nicolo, published December 27, 2001.
<i>dr</i>		"Physical Principles of Medical Ultrasonics," Editor, C.R.Hill, Ellis Horwood Series in Applied Physics, John Wiley & Sons, NY 1986.

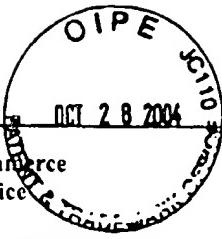
Examiner

*J. Lewellen*

Date Considered

*5/26/06*

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NY02:500690.1



<p><b>Form PTO-1449 U.S. Department of Commerce (REV. 2-82) Patent and Trademark Office</b></p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <b>(Use several sheets if necessary)</b></p>	<p>Atty. Docket No. <b>A34106 - 066031.0148</b></p>	<p>Serial No. <b>09/809,291</b></p>
<p>Applicants <b>Sonnenschein et al.</b></p>		
<p>Filing Date <b>March 15, 2001</b></p>		
<p>Group Art Unit <b>3739</b></p>		

## **U.S. PATENT DOCUMENTS**

**FOREIGN PATENT DOCUMENT**

		Document No.	Date	Country	Class	SubClass	Translator Yes      No

**OTHER DOCUMENTS (including Author, Title Date, Pertinent Pages, Etc.)**

*[Signature]* "Physical Principles of Medical Ultrasonics," Editor, C.R.Hill, Ellis Horwood Series in Applied Physics, John Wiley & Sons, NY 1986, pps.205-206, 327-329.

Examiner

**Date Considered**

5/26/06

- \* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.  
NY02:502388.1